**System Implementations**

**Recommended System Requirements**

Processors: Intel® Core™ i3 processor 4300M at 2.60 GHz.

Disk space: 4 to 8 GB.

Operating systems: Windows® 10, MACOS, and UBUNTU.

Python Versions: 3.X.X or Higher.

**Minimum System Requirements**

Processors: Intel Atom® processor or Intel® Core™ i3 processor.

Disk space: 1 GB.

Operating systems: Windows 7 or later, MACOS, and UBUNTU.

Python Versions: 2.7.X, 3.9.X.

**ACKNOWLEDGEMENT**TTT

First and foremost, praises and thanks to the God, the Almighty, for His showers of blessings throughout my research work to complete the research successfully.

We would like to express my deep and sincere gratitude to my subject teacher, Mr. Amit Udiwal, for giving me the opportunity to do research and providing invaluable guidance throughout this research. His dynamism, vision, sincerity and motivation have deeply inspired me. He has taught me the methodology to carry out the research and to present the research works as clearly as and honour to work and study under his guidance. We are very much thankful to our Sr. Renjana for giving valuable time and moral support to develop this software. We would like to take opportunity to extend my sincere thanks and gratitude to our parents for being a source of inspiration and providing time and freedom to develop this software project. We also feel indebted to my friends for the valuable suggestions during the project work.

Mahi Dawre

[Roll No.

Class XII

**CERTIFICATE**

This is to certify that the project on ‘Sales And Inventory Management System’ is a work done by Mahi Dawre fulfilment of CBSE’S AISSCE EXAMINATION 2020¢and has been carried out under my direct supervision and guidance. This report or a similar report on the topic has not been submitted for any other examination and does not form any other examination and does not form any other course undergone by the candidate.

Name:

Mahi Dawre [Roll No.

………………….

Signature of Teacher / Guide

Name: Mr. Amit Udiwal

Designation:

………………. ….………………

**REFERENCE**

The order to work on this project on ‘Sales And Inventory Management System’ the following books & literature are referred by me during the various phrases of department of the project.

• http://www.python.org/.

• http://www.itsourcecode.org/.

• http://www.wikipedia.org/.

• Informatics Practices for Class XII

- By Sumita Arora

• Together with informatics practices.

Other than the above mentioned books, the suggestions and supervision of my teacher and my class experience also helped me to develop this software project.

**Introduction**

Grocery Billing System is created using Python to easily manage all supermarket related functions by a single user. As a terminal application, the users are able to perform basic operations of their supermarket such as additional items, view items, clear items/stocks, purchase items, search for specific products in the stocks and edit any items/products placed in the system record. Supermarket Management System also facilitates users to add new products in their stocks as a sale. This function includes adding items with their name, quantity(along with validation), and price of the item. Users can also see all the items stores in the system. The program shows the number of items along with their name, quantity, and price.

**Objective and**

**Scope of The Project**

This Grocery Billing System is in Python. Talking about the features of this system, it contains only the admin section. The admin manages all the orders management, payments, and report. The products are present in text file form and bills will be saved in text format in the main folder.

* The user enters username and selects items from the menu.
* The system displays the product menu with price and quantity.
* Users can generate bills after selecting at least 1 item.

***Functions:***

1. View all products
2. Add items for sale by the user
3. Purchase items
4. Search items
5. Edit products